pbs  Under the Panerwork Reduction Act of 1995, no persons are re-	PTO/SB/17 (01-03)  Approved for use through 10/31/2002. OMB 0651-0032  Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  re required to respond to a collection of information unless it displays a valid OMB control number.			
	Con			
FEE TRANSMITTAL	Applicati n Numbr Unknown		PTC S	
for FY 2003	Filing Date	September 11, 2003		
	First Named Inventor	William C. Black	25	
Effective 01/01/2003. Patent fees are subject to annual revision	Examiner Name	Unknown	40	
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	Unknown	150	
TOTAL AMOUNT OF PAYMENT (\$) 1054.00	Attorney Docket No.	X-1356 US	* J	
METHOD OF PAYMENT (check all that apply) FEE CALCU		ION (continued)		
1. X Deposit Account:	3. ADDITIONAL FEES Large Entity Fee Fee			
Deposit		e Description	Fee Paid	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
1. X Deposit Account:		ΠΟΝΑL FI	EES	
Deposit Account Number	Fee Fee Code	(\$)	Fee Description	Fee Paid
Deposit	1051	130	Surcharge - late filing fee or oath	
Name	1052	50	Surcharge - late provisional filing fee or cover sheet.	
The Commissioner is authorized to: (check all that apply)  Charge fee(s) indicated below  Credit any overpayments	147	2,520	For filing a request for reexamination	
Charge any additional fee(s) during the pendency of this application	1812	920*	Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	Examiner action Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	Extension for reply within first month	
1. BASIC FILING FEE	1252	400	Extension for reply within second month	<b></b>
	1253	920	Extension for reply within third month	<u> </u>
Large Entity Fee Fee Fee Description Fee Paid	1254	1,440	Extension for reply within fourth month	
Code (\$)	1255	1,960	Extension for reply within fifth month	
1001 750 Utility filing fee \$7.50	1401	320	Notice of Appeal	
1002 320 Design filing fee  1003 490 Plant filing fee	1402	320	Filing a brief in support of an appeal	
1004 750 Reissue filing fee	1403	270	Request for oral hearing	<del></del>
1005 160 Provisional filing fee	1451	1,510	Petition to institute a public use proceeding	<b>  </b>
SUBTOTAL (1) (\$) 750.00	1452	110	Petition to revive - unavoidable	$\vdash$
	1453	1,240	Petition to revive - unintentional	<del></del>
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Extra Claims below Fee Paid		1,240 130	Utility issue fee (or reissue)	<b></b>
Total Claims $30$ -20** = $10$ $\times$ $18$ = $$180$	1460 1807	130 50	Petitions to the Commissioner Processing fee under 37 CFR 1.17(q)	<del></del>
Indep. Claims 04 - 3** = 1 × 84 = \$84			Submission of Information Disclosure Stmt	<del>  </del>
Multiple Dependent X = =	1806 8021	240 40	Recording each patent assignment per	<del></del>
Large Entity	] 3021	-10	property (times number of properties)	\$40
Fee Fee Fee Description Code (\$)	1809	750	Filing a submission after final rejection (37 CFR 1.129(a))	
1202 18 Claims in excess of 20 1201 84 Independent claims in excess of 3	1810	710	For each additional invention to be examined (37 CFR 1.129(b))	•
1203 280 Multiple dependent claim, if not paid  1204 84 "Reissue independent claims over original patent	1801	750	Request for Continued Examination (RCE	<b> </b>
1205 18 **Reissue claims in excess of 20 and over original patent	Other fe	e (specify)		
SUBTOTAL (2) (\$) 264.00	*Reduc	ed by Basi	ic Filing Fee Paid SUBTOTAL (3) (\$)	40.00

SUBMITTED BY			Complete (	(if applicable)
Name (Print/Type)	Kim Kanzakj	Registration No. (Attorney/Agent) 37,652	Telephone	408-879-6149
Signature	Z-	/Jh	Date	09-11-2003

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This collection of information is required by 37 CFR 1.7 And 1.27. The information is required to botain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

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PTO/SB/05 (03-01) Approved for use through 10-31-2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No.  First Inventor  Title Analog Front-End Thereof		X-1356 US	
		William C. Black	
		laving Built-In Equalization and Applications	
	ca thail tabal to	EXT COCCORDE LIC	

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EV 000382707 US Commissioner for Patents P.O. Box 1450; Mail Stop Patent Application Alexandria, Virginia 22313-1450 APPLICATION ELEMENTS ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. CD-ROM or CD-R in duplicate, large table or 6. Fee Transmittal Form (e.g., PTO/SB/17) Computer Program (Appendix) (Submit an original, and a duplicate for fee processing, 7. Nucleotide and/or Amino Acid Sequence Submission 2. Specification (Total Pages **30** (if applicable, all necessary) (preferred arrangement set forth below) Descriptive title of the Invention a. Computer Readable Copy (CRC) - Cross References to Related Applications Specifiation Sequence Listing on: b. Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or Reference to sequenct listing, a table, or a computer program listing appendix i. paper - Background of the Invention Statements verifying identity of above copies - Brief Summary of the Invention - Brief Description of the Drawings (if filed) **ACCOMPANYING APPLICATION PARTS** - Detailed Description Assignment Papers (cover sheet & document(s)) - Claim(s) 8.  $|\mathbf{X}|$ - Abstract of the Disclosure 37 CFR 3.73(b) Statement 9. Power of Attorney (when there is an assignee) Drawing(s) (35 USC 113) [Total Sheets 08 English Translation Document (if applicable) 10. 4. Oath or Declaration [Total Pages 01 ] Copies of IDS 11. Information Disclosure Citations Statement (IDS)/PTO-1449 Newly Executed (original or copy) **Preliminary Amendment** 12. Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 17 completed) Return Receipt Postcard (MPEP 503) 13. (Should be specifically itemized) Certified Copy of Priority Document(s) **DELETION OF INVENTOR(S)** (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, Nonpublication Request under 35 U.S.C 122 (b)(2)(B). Applicant must attach form PTO/SB/35 see 37 CFR 1.63(d)(2) and 1.33(b). or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: of prior application No: Continuation-in-part (CIP) Continuation Divisional Group / Art Unit: Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 18. CORRESPONDENCE ADDRESS *24309* Correspondence address below X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Kim Kanzaki Attn: Name Address Zip Code State City Fax 408-377-6137 408-879-6149 Telephone Country 37,652 Kim Kanzaki Registration No. (Attorney/Agent) Name (Print/Type) September 11, 2003 Date Sianature

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## NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor		William C. Black
Title Analog Front-End Having Built-In Equalization and Applications Thereof		
Atty Docket Number		X-1356 US

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

September 11, 2003

Date

Kim Kanzaki Reg. No. 37,652

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).** 

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.